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The main application of gas chromatography-mass spectrometry (GC/MS) in food science is in the area of flavor analysis. Food flavors are complex mixtures comprising a large number of functional groups in varying concentrations. During sample preparation and analysis, extreme care should be taken so that the isolate retains the sensory properties of the food from which it was isolated.

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Mass spectrometry, also called mass spectroscopy, analytic technique by which chemical substances are identified by the sorting of gaseous ions in electric and magnetic fields according to their

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This book sets great principles for the



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applications of mass spectrometry. My professor uses it for the bases of his lectures and then adds on what ever he thinks is necessary for a discussion. Good basic principles of mass spectrometry. Nothing in too much of detail but good enough for a basic understanding.

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